S 450
Silver Brazing Alloys Cadmium Free

Mechanical & Physical Properties		
Melting Range	C°	640/680
Recommended Working Temperature	C°	680
Tensile Strength	Mpa	500
Electrical Conductivity	% IACS	18
Density	gr/cm³	9,1
Elongation	%	14

Specifications		
EN ISO 17672		Ag 145
DIN 8513		L-Ag45Sn
AWS A5.8		B-Ag36
DIN EN 1044		AG 104
EN ISO 3677		B-Ag45CuZnSn-640/680

Main elements %(min-max)
Ag : 44-46 / Cu : 26-28 / Zn : 23,5-27,5 / Sn : 2-3

Other %
Impurity : 0,15 max

Elongation %
14

RoHS Limit ppm
Cd (100ppm) ; Pb / Hg / Cr (1000ppm)

Availability							
Bare rods	Coated Rods	Wire / Coil	Foil	Preforms	Powder	Paste	Flexible Wire
●	●	●	●	●	○	○	●

Liability - Disclaimer: This document is intended to assist the user in choosing the product. We provide these results in all conscience; this not however exempting the consumer from the obligation to check our products and process on his own responsibility, including suitability, compliance with applicable law and non-infringement of the rights of others. The company ASA KAYNAK cannot be held liable in respect thereof.

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